

Notice of Allowability

Application No.

09/733,480

Examiner

Saba Tsegaye

Applicant(s)

LEE ET AL.

Art Unit

2616

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Appeal Brief filed 04/27/07.
2. ☒ The allowed claim(s) is/are 1-24.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

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EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with George H. Gates on 07/17/07.

The application has been amended as follows:

- Claims 17 and 21 have been amended as shown on the attached sheets.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Saba Tsegaye whose telephone number is (571) 272-3091. The examiner can normally be reached on Monday-Friday (7:30-5:00), First Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wing Chan can be reached on (571) 272-7493. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Saba Tsegaye
Examiner
Art Unit 2616

ST
July 18, 2007



CHI PHAM
SUPERVISORY PATENT EXAMINER

7/18/07

ATTACHMENT

1. (PREVIOUSLY PRESENTED) A method for tunneling voice data over one or more networks, comprising:

(a) transmitting a notification to a called party's network that a calling party's handset is calling from a particular type of network; and

(b) loading one of a plurality of software-defined vocoders into the called party's handset based on the transmitted notification, wherein the loaded software-defined vocoder, when executed by the called party's handset, translates voice data communicated between the calling party's handset and the called party's handset.

2. (ORIGINAL) The method of claim 1, wherein the voice data is tunneled from the calling party's handset and the calling party's network, through any number of different networks, to the called party's network and called party's handset, without any vocoding conversions, except at the handsets.

3. (PREVIOUSLY PRESENTED) The method of claim 1, wherein the software-defined vocoder is stored on a component of the called party's network and is downloaded from the component to the called party's handset.

4. (ORIGINAL) The method of claim 1, wherein the notification is transmitted during call setup.

5. (PREVIOUSLY PRESENTED) An apparatus for tunneling voice data over one or more networks, comprising:

(a) means for transmitting a notification to a called party's network that a calling party's handset is calling from a particular type of network; and

(b) means for loading one of a plurality of software-defined vocoders into the called party's handset based on the transmitted notification, wherein the loaded software-defined vocoder, when executed by the called party's handset, translates voice data communicated between the calling party's handset and the called party's handset.

6. (ORIGINAL) The apparatus of claim 5, wherein the voice data is tunneled from the calling party's handset and the calling party's network, through any number of different networks, to the called party's network and called party's handset, without any vocoding conversions, except at the handsets.

7. (PREVIOUSLY PRESENTED) The apparatus of claim 5, wherein the software-defined vocoder is stored on a component of the called party's network and is downloaded from the component to the called party's handset.

8. (ORIGINAL) The apparatus of claim 5, wherein the notification is transmitted during call setup.

9. (PREVIOUSLY PRESENTED) A method for tunneling voice data over one or more networks, comprising:

(a) receiving a notification from a calling party's network that it is a particular type of network; and

(b) loading one of a plurality of software-defined vocoders into a called party's handset based on the received notification, wherein the loaded software-defined vocoder, when executed by the called party's handset, translates voice data communicated between the calling party's handset and the called party's handset.

10. (ORIGINAL) The method of claim 9, wherein the voice data is tunneled from the calling party's handset and the calling party's network, through any number of different networks, to the called party's network and called party's handset, without any vocoding conversions, except at the handsets.

11. (PREVIOUSLY PRESENTED) The method of claim 9, wherein the software-defined vocoder is stored on a component of the called party's network and is downloaded from the component to the called party's handset.

12. (ORIGINAL) The method of claim 9, wherein the notification is transmitted during call setup.

13. (PREVIOUSLY PRESENTED) An apparatus for tunneling voice data over one or more networks, comprising:

(a) means for receiving a notification from a calling party's network that it is a particular type of network; and

(b) means for loading one of a plurality of software-defined vocoders into a called party's handset based on the received notification, wherein the loaded software-defined vocoder, when executed by the called party's handset, translates voice data communicated between the calling party's handset and the called party's handset.

14. (ORIGINAL) The apparatus of claim 13, wherein the voice data is tunneled from the calling party's handset and the calling party's network, through any number of different networks, to the called party's network and called party's handset, without any vocoding conversions, except at the handsets.

15. (PREVIOUSLY PRESENTED) The apparatus of claim 13, wherein the software-defined vocoder is stored on a component of the called party's network and is downloaded from the component to the called party's handset.

16. (ORIGINAL) The apparatus of claim 13, wherein the notification is transmitted during call setup.

17. (CURRENTLY AMENDED) A method for tunneling voice data over one or more networks, comprising:

(a) loading one of a plurality of vocoders into a processor of a called party's handset, wherein the loaded vocoder is selected based on a notification of a particular type of network communicating with a calling party's handset; and

(b) executing the loaded vocoder in the processor of the called party's handset, wherein the vocoder translates voice data communicated to the called party's handset from the calling party's handset.

18. (PREVIOUSLY PRESENTED) The method of claim 17, wherein the voice data is tunneled from the calling party's handset and the calling party's network, through any number of different networks, to the called party's network and the called party's handset, without any vocoding conversions, except at the handsets.

19. (PREVIOUSLY PRESENTED) The method of claim 17, wherein the vocoder is stored on a component of the handset and is loaded into the processor from the component.

20. (PREVIOUSLY PRESENTED) The method of claim 17, wherein the vocoder is stored on a network component and is downloaded from the network component into the processor of the handset.

21. (CURRENTLY AMENDED) An apparatus for tunneling voice data over one or more networks, comprising:

(a) means for loading one of a plurality of vocoders into a processor of a called party's handset, wherein the loaded vocoder is selected based on a notification of a particular type of network communicating with calling party's handset; and

(b) means for executing the loaded vocoder in the processor of the called party's handset, wherein the vocoder translates voice data communicated to the called party's handset from the calling party's handset.

22. (PREVIOUSLY PRESENTED) The apparatus of claim 21, wherein the voice data is tunneled from the calling party's handset and the calling party's network, through any number of different networks, to the called party's network and the called party's handset, without any vocoding conversions, except at the handsets.

23. (PREVIOUSLY PRESENTED) The apparatus of claim 21, wherein the vocoder is stored on a component of the handset and is loaded into the processor from the component.

24. (PREVIOUSLY PRESENTED) The apparatus of claim 21, wherein the vocoder is stored on a network component and is downloaded from the network component into the processor of the handset.